

## AMENDMENTS

2003—Par. (5). Pub. L. 108-136 added par. (5).

1997—Par. (4). Pub. L. 105-85 inserted “and” at end of subpar. (A), substituted “geodetic data, and related products.” for “and geodetic data; and” in subpar. (B), and struck out subpar. (C) which read as follows: “geodetic products, as defined in section 455(c) of this title.”

## EFFECTIVE DATE

Section effective Oct. 1, 1996, see section 1124 of Pub. L. 104-201, set out as an Effective Date of 1996 Amendment note under section 193 of this title.

CHAPTER 23—MISCELLANEOUS STUDIES  
AND REPORTS

Sec.	
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## AMENDMENTS

2008—Pub. L. 110-417, [div. A], title II, § 241(b), Oct. 14, 2008, 122 Stat. 4398, added item 485 and struck out former item 485 “Joint warfighting experimentation”.

Pub. L. 110-181, div. A, title IX, § 912(b), Jan. 28, 2008, 122 Stat. 281, added item 490.

2004—Pub. L. 108-375, div. A, title X, § 1033(b), Oct. 28, 2004, 118 Stat. 2048, added item 489.

2003—Pub. L. 108-136, div. A, title X, § 1054(b), Nov. 24, 2003, 117 Stat. 1615, added item 488.

2002—Pub. L. 107-314, div. A, title V, § 561(a)(2), Dec. 2, 2002, 116 Stat. 2554, substituted “Racial and ethnic issues; gender issues: surveys” for “Race relations, gender discrimination, and hate group activity: annual survey and report” in item 481.

2001—Pub. L. 107-107, div. A, title X, § 1042(b), Dec. 28, 2001, 115 Stat. 1218, added item 480.

1999—Pub. L. 106-65, div. A, title II, § 241(a)(2), title III, § 361(d)(3), title IX, § 923(b)(2), Oct. 5, 1999, 113 Stat. 550, 575, 725, added items 486 and 487 and repealed Pub. L. 105-261, § 373(d)(2). See 1998 Amendment note below.

1998—Pub. L. 105-261, div. A, title IX, § 923(b)(2), title X, § 1069(a)(1), Oct. 17, 1998, 112 Stat. 2105, 2135, substituted “Annual report” for “Report” in item 484 and added item 485.

Pub. L. 105-261, div. A, title III, § 373(d)(2), Oct. 17, 1998, 112 Stat. 1992, which directed amendment of analysis, effective June 1, 2001, by striking out item 482, was repealed by Pub. L. 106-65, div. A, title III, § 361(d)(3), Oct. 5, 1999, 113 Stat. 575.

1997—Pub. L. 105-85, div. A, title III, §§ 322(a)(2), 323(b), 324(a)(2), Nov. 18, 1997, 111 Stat. 1675, 1677, substituted “Quarterly reports: personnel and unit readiness” for “Quarterly readiness reports” in item 482 and added items 483 and 484.

1996—Pub. L. 104-201, div. A, title V, § 571(c)(2), title XI, §§ 1112(a)(1), 1123(a)(4), Sept. 23, 1996, 110 Stat. 2532, 2677, 2688, substituted “Race relations, gender discrimination, and hate group activity: annual survey and report” for “Racial and ethnic issues; biennial survey; bi-

ennial report” in item 451, renumbered chapter 22 of this title as this chapter, and redesignated items 451 and 452 as 481 and 482, respectively.

Pub. L. 104-106, div. A, title III, § 361(a)(2), Feb. 10, 1996, 110 Stat. 273, added item 452.

## § 480. Reports to Congress: submission in electronic form

(a) REQUIREMENT.—Whenever the Secretary of Defense or any other official of the Department of Defense submits to Congress (or any committee of either House of Congress) a report that the Secretary (or other official) is required by law to submit, the Secretary (or other official) shall provide to Congress (or such committee) a copy of the report in an electronic medium.

(b) EXCEPTION.—Subsection (a) does not apply to a report submitted in classified form.

(c) DEFINITION.—In this section, the term “report” includes any certification, notification, or other communication in writing.

(Added Pub. L. 107-107, div. A, title X, § 1042(a), Dec. 28, 2001, 115 Stat. 1218; amended Pub. L. 107-314, div. A, title X, § 1042, Dec. 2, 2002, 116 Stat. 2646.)

## AMENDMENTS

2002—Subsec. (a). Pub. L. 107-314 substituted “shall provide to Congress (or)” for “shall, upon request by any committee of Congress to which the report is submitted or referred, provide to Congress (or each)”.

## § 481. Racial and ethnic issues; gender issues: surveys

(a) IN GENERAL.—(1) The Secretary of Defense shall carry out four quadrennial surveys (each in a separate year) in accordance with this section to identify and assess racial and ethnic issues and discrimination, and to identify and assess gender issues and discrimination, among members of the armed forces. Each such survey shall be conducted so as to identify and assess the extent (if any) of activity among such members that may be seen as so-called “hate group” activity.

(2) The four surveys shall be as follows:

(A) To identify and assess racial and ethnic issues and discrimination among members of the armed forces serving on active duty.

(B) To identify and assess racial and ethnic issues and discrimination among members of the armed forces in the reserve components.

(C) To identify and assess gender issues and discrimination among members of the armed forces serving on active duty.

(D) To identify and assess gender issues and discrimination among members of the armed forces in the reserve components.

(3) The surveys under this section relating to racial and ethnic issues and discrimination shall be known as the “Armed Forces Workplace and Equal Opportunity Surveys”. The surveys under this section relating to gender issues and discrimination shall be known as the “Armed Forces Workplace and Gender Relations Surveys”.

(4) Each survey under this section shall be conducted separately from any other survey conducted by the Department of Defense.

(b) ARMED FORCES WORKPLACE AND EQUAL OPPORTUNITY SURVEYS.—The Armed Forces Work-

place and Equal Opportunity Surveys shall be conducted so as to solicit information on racial and ethnic issues, including issues relating to harassment and discrimination, and the climate in the armed forces for forming professional relationships among members of the armed forces of various racial and ethnic groups. Both such surveys shall be conducted so as to solicit information on the following:

(1) Indicators of positive and negative trends for professional and personal relationships among members of all racial and ethnic groups.

(2) The effectiveness of Department of Defense policies designed to improve relationships among all racial and ethnic groups.

(3) The effectiveness of current processes for complaints on and investigations into racial and ethnic discrimination.

(c) **ARMED FORCES WORKPLACE AND GENDER RELATIONS SURVEYS.**—The Armed Forces Workplace and Gender Relations Surveys shall be conducted so as to solicit information on gender issues, including issues relating to gender-based harassment and discrimination, and the climate in the armed forces for forming professional relationships between male and female members of the armed forces. Both such surveys shall be conducted so as to solicit information on the following:

(1) Indicators of positive and negative trends for professional and personal relationships between male and female members of the armed forces.

(2) The effectiveness of Department of Defense policies designed to improve professional relationships between male and female members of the armed forces.

(3) The effectiveness of current processes for complaints on and investigations into gender-based discrimination.

(d) **SURVEYS TO BE CONDUCTED IN DIFFERENT YEARS.**—Each of the four quadrennial surveys conducted under this section shall be conducted in a different year from any other survey conducted under this section, so that one such survey is conducted during each year.

(e) **REPORTS TO CONGRESS.**—Upon the completion of a survey under this section, the Secretary shall submit to Congress a report containing the results of the survey.

(f) **INAPPLICABILITY TO COAST GUARD.**—This section does not apply to the Coast Guard.

(Added Pub. L. 103-337, div. A, title V, § 554(a)(1), Oct. 5, 1994, 108 Stat. 2773, § 451; renumbered § 481 and amended Pub. L. 104-201, div. A, title V, § 571(c)(1), title XI, § 1121(a), Sept. 23, 1996, 110 Stat. 2532, 2687; Pub. L. 107-314, div. A, title V, § 561(a)(1), Dec. 2, 2002, 116 Stat. 2553.)

#### AMENDMENTS

2002—Pub. L. 107-314 substituted “Racial and ethnic issues; gender issues: surveys” for “Race relations, gender discrimination, and hate group activity: annual survey and report” as section catchline and amended text generally, substituting provisions requiring four quadrennial surveys and report for provisions requiring an annual survey and report.

1996—Pub. L. 104-201, § 1121(a), renumbered section 451 of this title as this section.

Pub. L. 104-201, § 571(c)(1), substituted “Race relations, gender discrimination, and hate group activity:

annual survey and report” for “Racial and ethnic issues; biennial survey; biennial report” as section catchline and amended text generally, substituting provisions requiring an annual survey and report for provisions requiring a biennial survey and report.

#### EFFECTIVE DATE OF 2002 AMENDMENT

Pub. L. 107-314, div. A, title V, § 561(b), Dec. 2, 2002, 116 Stat. 2554, provided that: “The first survey under section 481 of title 10, United States Code, as amended by subsection (a)(1), shall be carried out during 2003.”

#### TRANSFER OF FUNCTIONS

For transfer of authorities, functions, personnel, and assets of the Coast Guard, including the authorities and functions of the Secretary of Transportation relating thereto, to the Department of Homeland Security, and for treatment of related references, see sections 468(b), 551(d), 552(d), and 557 of Title 6, Domestic Security, and the Department of Homeland Security Reorganization Plan of November 25, 2002, as modified, set out as a note under section 542 of Title 6.

#### ANNUAL REPORT ON STATUS OF FEMALE MEMBERS OF THE ARMED FORCES

Pub. L. 107-314, div. A, title V, § 562, Dec. 2, 2002, 116 Stat. 2554, provided that:

“(a) **REQUIREMENT FOR REPORT.**—The Secretary of Defense shall submit to Congress, for each of fiscal years 2002 through 2006, a report on the status of female members of the Armed Forces. Information in the annual report shall be shown for the Department of Defense as a whole and separately for each of the Army, Navy, Air Force, and Marine Corps.

“(b) **MATTERS TO BE INCLUDED.**—The report for a fiscal year under subsection (a) shall include the following information:

“(1) The positions, weapon systems, and fields of skills for which, by policy, female members are not eligible for assignment, as follows:

“(A) In the report for fiscal year 2002—

“(i) an identification of each position, weapon system, and field of skills for which, by policy, female members are not eligible; and

“(ii) the rationale for the applicability of the policy to each such position, weapon system, and field.

“(B) In the report for each fiscal year after fiscal year 2002, the positions, weapon systems, and fields for which policy on the eligibility of female members for assignment has changed during that fiscal year, including a discussion of how the policy has changed and the rationale for the change.

“(2) Information on joint spouse assignments, as follows:

“(A) The number of cases in which members of the Armed Forces married to each other are in assignments to which they were jointly assigned during that fiscal year, as defined in the applicable Department of Defense and military department personnel assignment policies.

“(B) The number of cases in which members of the Armed Forces married to each other are in assignments to which they were assigned during that fiscal year, but were not jointly assigned (as so defined).

“(3) Promotion selection rates for female members, for male members, and for all personnel in the reports submitted by promotion selection boards in that fiscal year for promotion to grades E-7, E-8, and E-9, and, in the case of commissioned officers, promotion to grades O-4, O-5, and O-6.

“(4) Retention rates for female members in each grade and for male members in each grade during that fiscal year.

“(5) Selection rates for female members and for male members for assignment to grade O-6 and grade O-5 command positions in reports of command selection boards that were submitted during that fiscal year.

“(6) Selection rates for female members and for male members for attendance at intermediate service schools (ISS) and, separately, for attendance at senior service schools (SSS) in reports of selection boards that were submitted during that fiscal year.

“(7) The extent of assignments of female members during that fiscal year in each field in which at least 80 percent of the Armed Forces personnel assigned in the field are men.

“(8) The incidence of sexual harassment complaints made during that fiscal year, stated as the number of cases in which complaints of sexual harassment were filed under procedures of military departments that are applicable to the submission of sexual harassment complaints, together with the number and percent of the complaints that were substantiated.

“(9) Satisfaction (based on surveys) of female active-duty members, female dependents of active-duty members, and female dependents of nonactive duty members entitled to health care provided by the Department of Defense with access to, and quality of, women’s health care benefits provided by the Department of Defense.

“(c) TIME FOR REPORT.—The report for a fiscal year under this section shall be submitted not later than 120 days after the end of that fiscal year.”

#### FIRST REPORT REQUIRED UNDER SUBSECTION (c)

Section 554(b) of Pub. L. 103-337 required Secretary of Defense to submit first report under former subsec. (c) of this section not later than May 1, 1995.

### § 482. Quarterly reports: personnel and unit readiness

(a) QUARTERLY REPORTS REQUIRED.—Not later than 45 days after the end of each calendar-year quarter, the Secretary of Defense shall submit to Congress a report regarding military readiness. The report for a quarter shall contain the information required by subsections (b), (d), (e), and (f).

(b) READINESS PROBLEMS AND REMEDIAL ACTIONS.—Each report shall specifically describe—

(1) each readiness problem and deficiency identified using the assessments considered under subsection (c);

(2) planned remedial actions; and

(3) the key indicators and other relevant information related to each identified problem and deficiency.

(c) CONSIDERATION OF READINESS ASSESSMENTS.—The information required under subsection (b) to be included in the report for a quarter shall be based on readiness assessments that are provided during that quarter—

(1) to any council, committee, or other body of the Department of Defense—

(A) that has responsibility for readiness oversight; and

(B) whose membership includes at least one civilian officer in the Office of the Secretary of Defense at the level of Assistant Secretary of Defense or higher;

(2) by senior civilian and military officers of the military departments and the commanders of the unified and specified commands; and

(3) as part of any regularly established process of periodic readiness reviews for the Department of Defense as a whole.

(d) COMPREHENSIVE READINESS INDICATORS FOR ACTIVE COMPONENTS.—Each report shall also include information regarding each of the active components of the armed forces (and an evalua-

tion of such information) with respect to each of the following readiness indicators:

#### (1) PERSONNEL STRENGTH.—

(A) Personnel status, including the extent to which members of the armed forces are serving in positions outside of their military occupational specialty, serving in grades other than the grades for which they are qualified, or both.

(B) Historical data and projected trends in personnel strength and status.

#### (2) PERSONNEL TURBULENCE.—

(A) Recruit quality.

(B) Borrowed manpower.

(C) Personnel stability.

#### (3) OTHER PERSONNEL MATTERS.—

(A) Personnel morale.

(B) Recruiting status.

#### (4) TRAINING.—

(A) Training unit readiness and proficiency.

(B) Operations tempo.

(C) Training funding.

(D) Training commitments and deployments.

#### (5) LOGISTICS—EQUIPMENT FILL.—

(A) Deployed equipment.

(B) Equipment availability.

(C) Equipment that is not mission capable.

(D) Age of equipment.

(E) Condition of nonpacing items.

#### (6) LOGISTICS—EQUIPMENT MAINTENANCE.—

(A) Maintenance backlog.

#### (7) LOGISTICS—SUPPLY.—

(A) Availability of ordnance and spares.

(B) Status of prepositioned equipment.

(e) UNIT READINESS INDICATORS.—Each report shall also include information regarding the readiness of each active component unit of the armed forces at the battalion, squadron, or an equivalent level (or a higher level) that received a readiness rating of C-3 (or below) for any month of the calendar-year quarter covered by the report. With respect to each such unit, the report shall separately provide the following information:

(1) The unit designation and level of organization.

(2) The overall readiness rating for the unit for the quarter and each month of the quarter.

(3) The resource area or areas (personnel, equipment and supplies on hand, equipment condition, or training) that adversely affected the unit’s readiness rating for the quarter.

(4) The reasons why the unit received a readiness rating of C-3 (or below).

(f) READINESS OF NATIONAL GUARD TO PERFORM CIVIL SUPPORT MISSIONS.—(1) Each report shall also include an assessment of the readiness of the National Guard to perform tasks required to support the National Response Plan for support to civil authorities.

(2) Any information in an assessment under this subsection that is relevant to the National Guard of a particular State shall also be made available to the Governor of that State.

(3) The Secretary shall ensure that each State Governor has an opportunity to provide to the

Secretary an independent evaluation of that State's National Guard, which the Secretary shall include with each assessment submitted under this subsection.

(g) **CLASSIFICATION OF REPORTS.**—A report under this section shall be submitted in unclassified form. To the extent the Secretary of Defense determines necessary, the report may also be submitted in classified form.

(Added Pub. L. 104-106, div. A, title III, §361(a)(1), Feb. 10, 1996, 110 Stat. 272, §452; renumbered §482, Pub. L. 104-201, div. A, title XI, §1121(a), Sept. 23, 1996, 110 Stat. 2687; amended Pub. L. 105-85, div. A, title III, §322(a)(1), Nov. 18, 1997, 111 Stat. 1673; Pub. L. 106-65, div. A, title III, §361(d)(3), (e), Oct. 5, 1999, 113 Stat. 575; Pub. L. 110-181, div. A, title III, §351(b), Jan. 28, 2008, 122 Stat. 70.)

#### AMENDMENTS

2008—Subsec. (a). Pub. L. 110-181, §351(b)(1), substituted “(e), and (f)” for “and (e)”.

Subsecs. (f), (g). Pub. L. 110-181, §351(b)(2), (3), added subsec. (f) and redesignated former subsec. (f) as (g).

1999—Pub. L. 106-65, §361(d)(3), repealed Pub. L. 105-261, §373(d)(2). See 1998 Amendment note below.

Subsec. (a). Pub. L. 106-65, §361(e), substituted “45 days” for “30 days”.

1998—Pub. L. 105-261, §373(d)(2), which directed the repeal of this section effective June 1, 2001, was repealed by Pub. L. 106-65, §361(d)(3).

1997—Pub. L. 105-85 substituted “Quarterly reports: personnel and unit readiness” for “Quarterly readiness reports” in section catchline and amended text generally. Prior to amendment, text consisted of subsecs. (a) to (c) relating to requirement for submission of quarterly readiness reports, matters to be included in reports, and form of reports.

1996—Pub. L. 104-201 renumbered section 452 of this title as this section.

#### EFFECTIVE DATE OF PUB. L. 105-261

Pub. L. 105-261, div. A, title III, §373(d)(2), Oct. 17, 1998, 112 Stat. 1992, which provided that the repeal of this section was to be effective June 1, 2001, was repealed by Pub. L. 106-65, div. A, title III, §361(d)(3), Oct. 5, 1999, 113 Stat. 575.

#### EFFECTIVE DATE

Section 361(b) of Pub. L. 104-106 provided that: “Section 452 [now 482] of title 10, United States Code, as added by subsection (a), shall take effect with the calendar-year quarter during which this Act is enacted [enacted Feb. 10, 1996].”

#### QUARTERLY REPORTS ON PERSONNEL AND UNIT READINESS

Pub. L. 110-181, div. A, title III, §351(c)(2), Jan. 28, 2008, 122 Stat. 71, provided that: “The amendment made by subsection (b) [amending this section] shall apply with respect to the quarterly report required under section 482 of title 10, United States Code, for the second quarter of fiscal year 2009 and each subsequent report required under that section.”

#### QUARTERLY READINESS REPORT REQUIREMENT

Pub. L. 105-261, div. A, title III, §373(d)(1), Oct. 17, 1998, 112 Stat. 1992, which provided that effective Jan. 15, 2000, or the date on which the first report of the Secretary of Defense is submitted under section 117(e) of this title, whichever is later, the Secretary of Defense was to cease to submit reports under this section, was repealed by Pub. L. 106-65, div. A, title III, §361(d)(3), Oct. 5, 1999, 113 Stat. 575.

#### IMPLEMENTATION PLAN TO EXAMINE READINESS INDICATORS

Pub. L. 105-85, div. A, title III, §322(b), Nov. 18, 1997, 111 Stat. 1675, directed the Secretary of Defense, not later than Jan. 15, 1998, to submit to the congressional defense committees a plan specifying the manner in which the additional reporting requirement of subsec. (d) of this section would be implemented and the criteria proposed to be used to evaluate the readiness indicators identified in subsec. (d).

#### TRANSITION TO COMPLETE REPORT

Pub. L. 105-85, div. A, title III, §322(d), Nov. 18, 1997, 111 Stat. 1675, provided that until the report under this section for the third quarter of 1998 was submitted, the Secretary of Defense was authorized to omit the information required by subsec. (d) of this section if the Secretary determined that it was impracticable to comply.

### § 483. Reports on transfers from high-priority readiness appropriations

(a) **ANNUAL REPORTS.**—Not later than the date on which the President submits the budget for a fiscal year to Congress pursuant to section 1105 of title 31, the Secretary of Defense shall submit to the Committee on Armed Services and the Committee on Appropriations of the Senate and the Committee on Armed Services and the Committee on Appropriations of the House of Representatives a report on transfers during the preceding fiscal year from funds available for each covered budget activity.

(b) **MIDYEAR REPORTS.**—Not later than June 1 of each fiscal year, the Secretary of Defense shall submit to the congressional committees specified in subsection (a) a report on transfers, during the first six months of that fiscal year, from funds available for each covered budget activity.

(c) **MATTERS TO BE INCLUDED.**—In each report under subsection (a) or (b), the Secretary of Defense shall include for each covered budget activity the following:

(1) A statement, for the period covered by the report, of—

(A) the total amount of transfers into funds available for that activity;

(B) the total amount of transfers from funds available for that activity; and

(C) the net amount of transfers into, or out of, funds available for that activity.

(2) A detailed explanation of the transfers into, and out of, funds available for that activity during the period covered by the report, including identification of the sources from which funds were transferred into that activity and identification of the recipients of the funds transferred out of that activity.

(d) **COVERED BUDGET ACTIVITY DEFINED.**—In this section, the term “covered budget activity” means each of the following:

(1) The budget activity groups (known as “subactivities”) within the Operating Forces budget activity of the annual Operation and Maintenance, Army, appropriation that are designated as follows:

(A) All subactivities under the category of Land Forces.

(B) Land Forces Depot Maintenance.

(C) Base Support.

## (D) Maintenance of Real Property.

(2) The Air Operations budget activity groups (known as “subactivities”) within the Operating Forces budget activity of the annual Operation and Maintenance, Navy, appropriation that are designated as follows:

- (A) Mission and Other Flight Operations.
- (B) Fleet Air Training.
- (C) Aircraft Depot Maintenance.
- (D) Base Support.
- (E) Maintenance of Real Property.

(3) The Ship Operations budget activity groups (known as “subactivities”) within the Operating Forces budget activity of the annual Operation and Maintenance, Navy, appropriation that are designated as follows:

- (A) Mission and Other Ship Operations.
- (B) Ship Operational Support and Training.
- (C) Ship Depot Maintenance.
- (D) Base Support.
- (E) Maintenance of Real Property.

(4) The Expeditionary Forces budget activity groups (known as “subactivities”) within the Operating Forces budget activity of the annual Operation and Maintenance, Marine Corps, appropriation that are designated as follows:

- (A) Operational Forces.
- (B) Depot Maintenance.
- (C) Base Support.
- (D) Maintenance of Real Property.

(5) The Air Operations and Combat Related Operations budget activity groups (known as “subactivities”) within the Operating Forces budget activity of the annual Operation and Maintenance, Air Force, appropriation that are designated as follows:

- (A) Primary Combat Forces.
- (B) Primary Combat Weapons.
- (C) Air Operations Training.
- (D) Depot Maintenance.
- (E) Base Support.
- (F) Maintenance of Real Property.
- (G) Combat Enhancement Forces.
- (H) Combat Communications.

(6) The Mobility Operations budget activity group (known as a “subactivity”) within the Mobilization budget activity of the annual Operation and Maintenance, Air Force, appropriation that is designated as Airlift Operations.

(Added Pub. L. 105–85, div. A, title III, §323(a), Nov. 18, 1997, 111 Stat. 1675; amended Pub. L. 106–65, div. A, title X, §1067(1), Oct. 5, 1999, 113 Stat. 774; Pub. L. 106–398, §1 [[div. A], title III, §372], Oct. 30, 2000, 114 Stat. 1654, 1654A–80.)

## AMENDMENTS

2000—Subsec. (c)(2). Pub. L. 106–398, §1 [[div. A], title III, §372(b)], inserted before period “, including identification of the sources from which funds were transferred into that activity and identification of the recipients of the funds transferred out of that activity”.

Subsec. (d)(5)(G), (H). Pub. L. 106–398, §1 [[div. A], title III, §372(c)], added subpars. (G) and (H).

Subsec. (e). Pub. L. 106–398, §1 [[div. A], title III, §372(a)], struck out heading and text of subsec. (e). Text read as follows: “The requirements specified in sub-

sections (a) and (b) shall terminate upon the submission of the annual report under subsection (a) covering fiscal year 2000.”

1999—Subsec. (a). Pub. L. 106–65 substituted “and the Committee on Armed Services” for “and the Committee on National Security”.

**§ 484. Annual report on aircraft inventory**

(a) ANNUAL REPORT.—The Under Secretary of Defense (Comptroller) shall submit to Congress each year a report on the aircraft in the inventory of the Department of Defense. The Under Secretary shall submit the report when the President submits the budget to Congress under section 1105(a) of title 31.

(b) CONTENT.—The report shall set forth, in accordance with subsection (c), the following information:

(1) The total number of aircraft in the inventory.

(2) The total number of the aircraft in the inventory that are active, stated in the following categories (with appropriate subcategories for mission aircraft, training aircraft, dedicated test aircraft, and other aircraft):

- (A) Primary aircraft.
- (B) Backup aircraft.
- (C) Attrition and reconstitution reserve aircraft.

(3) The total number of the aircraft in the inventory that are inactive, stated in the following categories:

- (A) Bailment aircraft.
- (B) Drone aircraft.
- (C) Aircraft for sale or other transfer to foreign governments.
- (D) Leased or loaned aircraft.
- (E) Aircraft for maintenance training.
- (F) Aircraft for reclamation.
- (G) Aircraft in storage.

(4) The aircraft inventory requirements approved by the Joint Chiefs of Staff.

(c) DISPLAY OF INFORMATION.—The report shall specify the information required by subsection (b) separately for the active component of each armed force and for each reserve component of each armed force and, within the information set forth for each such component, shall specify the information separately for each type, model, and series of aircraft provided for in the future-years defense program submitted to Congress.

(Added Pub. L. 105–85, div. A, title III, §324(a)(1), Nov. 18, 1997, 111 Stat. 1677.)

## FIRST REPORT

Pub. L. 105–85, div. A, title III, §324(b), Nov. 18, 1997, 111 Stat. 1677, directed the Under Secretary of Defense (Comptroller) to submit the first report required under this section not later than Jan. 30, 1998.

**§ 485. Joint and service concept development and experimentation**

(a) BIENNIAL REPORTS REQUIRED.—Not later than January 1 of each even numbered-year, the Secretary of Defense or the Secretary’s designee shall submit to the congressional defense committees a report on the conduct and outcomes of joint and service concept development and experimentation.

(b) MATTERS TO BE INCLUDED.—Each report under subsection (a) shall include the following:

(1) A description of any changes since the latest report submitted under this section to each of the following:

(A) The organization of the Department of Defense responsible for executing the mission of joint concept development and experimentation, or its specific authorities related to that mission.

(B) The process for tasking forces (including forces designated as joint experimentation forces) to participate in joint concept development and experimentation, and the specific authority of the organization responsible for executing the mission of joint concept development and experimentation over those forces.

(C) The resources provided for initial implementation of joint concept development and experimentation, the process for providing such resources to the organization responsible for executing the mission of joint concept development and experimentation, the categories of funding for joint concept development and experimentation, and the authority of the organization responsible for executing the mission of joint concept development and experimentation for budget execution for such activities.

(D) The assigned role of the organization responsible for executing the mission of joint concept development and experimentation for—

(i) integrating and testing in joint concept development and experimentation the systems that emerge from warfighting experimentation by the armed forces and the Defense Agencies;

(ii) assessing the effectiveness of organizational structures, operational concepts, and technologies relating to joint concept development and experimentation; and

(iii) assisting the Secretary of Defense and the Chairman of the Joint Chiefs of Staff in setting priorities for requirements or acquisition programs in light of joint concept development and experimentation.

(2) A description of the conduct of joint concept development and experimentation activities, and of concept development and experimentation activities of each of the military departments, during the two-year period ending on the date of such report, including—

(A) the funding involved;

(B) the number of activities engaged in;

(C) the forces involved;

(D) the national and homeland security challenges addressed;

(E) the operational concepts assessed;

(F) the technologies assessed;

(G) the scenarios and measures of effectiveness utilized; and

(H) specific interactions under such activities with the commanders of the combatant commands and with other organizations and entities inside and outside the Department.

(3) A description of the conduct of joint concept development and experimentation, and of the conduct of concept development and experimentation by each of the military departments, during the two-year period ending on

the date of such report with respect to the development of warfighting concepts for operational scenarios more than 10 years in the future, including—

(A) the funding involved;

(B) the number of activities engaged in;

(C) the forces involved;

(D) the challenges addressed;

(E) the operational concepts assessed;

(F) the technologies assessed;

(G) the scenarios and measures of effectiveness utilized; and

(H) specific interactions with the commanders of the combatant commands and with other organizations and entities inside and outside the Department.

(4) A description of the mechanisms used to coordinate joint, service, interagency, Coalition, and other appropriate concept development and experimentation activities.

(5) An assessment of the return on investment in concept development and experimentation activities, including a description of the following:

(A) Specific outcomes and impacts within the Department of the results of past joint and service concept development and experimentation in terms of new doctrine, operational concepts, organization, training, materiel, leadership, personnel, or the allocation of resources, or in activities that terminated support for legacy concepts, programs, or systems.

(B) Specific actions taken to implement the recommendations of the Commander of United States Joint Forces Command based on joint concept development and experimentation activities.

(6) Such recommendations (based primarily on the results of joint and service concept development and experimentation) as the Secretary considers appropriate for enhancing the development of joint warfighting capabilities by modifying activities throughout the Department relating to—

(A) the development or acquisition of specific advanced technologies, systems, or weapons or systems platforms;

(B) key systems attributes and key performance parameters for the development or acquisition of advanced technologies and systems;

(C) joint or service doctrine, organization, training, materiel, leadership development, personnel, or facilities;

(D) the reduction or elimination of redundant equipment and forces, including the synchronization of the development and fielding of advanced technologies among the armed forces to enable the development and execution of joint operational concepts; and

(E) the development or modification of initial capabilities documents, operational requirements, and relative priorities for acquisition programs to meet joint requirements.

(7) With respect to improving the effectiveness of joint concept development and experimentation capabilities, such recommendations (based primarily on the results of joint warfighting experimentation) as the Secretary considers appropriate regarding—

(A) the conduct of, adequacy of resources for, or development of technologies to support such capabilities; and

(B) changes in support from other elements of the Department responsible for concept development and experimentation by joint or service organizations.

(8) The coordination of the concept development and experimentation activities of the Commander of the United States Joint Forces Command with the activities of the Commander of the North Atlantic Treaty Organization Supreme Allied Command Transformation.

(9) Any other matters that the Secretary consider appropriate.

(c) COORDINATION AND SUPPORT.—The Secretary of Defense shall ensure that the Secretaries of the military departments and the heads of other appropriate elements of the Department of Defense provide such information and support as is required for the preparation of the reports required by this section.

(Added Pub. L. 105-261, div. A, title IX, §923(b)(1), Oct. 17, 1998, 112 Stat. 2105; amended Pub. L. 106-65, div. A, title IX, §931, title X, §1067(1), Oct. 5, 1999, 113 Stat. 726, 774; Pub. L. 107-107, div. A, title IX, §922, Dec. 28, 2001, 115 Stat. 1198; Pub. L. 110-417, [div. A], title II, §241(a), Oct. 14, 2008, 122 Stat. 4395.)

#### AMENDMENTS

2008—Pub. L. 110-417 amended section generally. Prior to amendment, section related to annual reports on the conduct of joint experimentation activities and contents of each report.

2001—Subsec. (b)(4)(E). Pub. L. 107-107, §922(1), inserted “(by lease or by purchase)” after “acquire” and “(including any prototype)” after “or equipment”.

Subsec. (b)(6). Pub. L. 107-107, §922(2), added par. (6).

1999—Subsec. (a). Pub. L. 106-65, §1067(1), substituted “and the Committee on Armed Services” for “and the Committee on National Security”.

Subsec. (b)(5). Pub. L. 106-65, §931, added par. (5).

#### JOINT WARFIGHTING EXPERIMENTATION

Pub. L. 105-261, div. A, title IX, subtitle C, Oct. 17, 1998, 112 Stat. 2102, provided that:

#### “SEC. 921. FINDINGS CONCERNING JOINT WARFIGHTING EXPERIMENTATION.

“Congress makes the following findings:

“(1) The assessments of the Quadrennial Defense Review and the National Defense Panel provide a compelling argument—

“(A) that the security environment in the early 21st century will include fundamentally different military challenges than the security environment in the late 20th century; and

“(B) reinforce the premise of the Goldwater-Nichols Department of Defense Reorganization Act of 1986 [Pub. L. 99-433, see Tables for classification] that future warfare will require more effective joint operational concepts.

“(2) Joint experimentation is necessary for—

“(A) integrating advances in technology with changes in organizational structure and joint operational concepts; and

“(B) determining the interdependent aspects of joint warfare that are key for transforming the conduct of military operations to meet future challenges successfully.

“(3) It is essential that an energetic and innovative organization be established in the Department of De-

fense with the authority (subject to the authority and guidance of the Secretary of Defense and Chairman of the Joint Chiefs of Staff) to design and implement a process of joint experimentation to investigate and test technologies and alternative forces and concepts in field environments under realistic conditions against the full range of future challenges to assist in developing and validating new joint warfighting concepts and transforming the Armed Forces to meet the threats to national security anticipated for the early 21st century.

#### “SEC. 922. SENSE OF CONGRESS CONCERNING JOINT WARFIGHTING EXPERIMENTATION.

“(a) DESIGNATION OF COMMANDER TO HAVE JOINT WARFIGHTING EXPERIMENTATION MISSION.—It is the sense of Congress that the initiative of the Secretary of Defense to designate the commander of a combatant command to have the mission of joint warfighting experimentation is a key step in exploiting the potential of advanced technologies, new organizational structures, and new joint operational concepts to transform the conduct of military operations by the Armed Forces.

“(b) RESOURCES AND AUTHORITY OF COMMANDER.—It is, further, the sense of Congress that the commander of the combatant command referred to in subsection (a) should be provided with appropriate and sufficient resources for joint warfighting experimentation and with the appropriate authority to execute the commander's assigned responsibilities and that such authority should include the following:

“(1) Planning, preparing, and conducting the program of joint warfighting experimentation, which program should include analyses, simulations, wargames, experiments, advanced concept technology demonstrations, joint exercises conducted in virtual and field environments, and, as a particularly critical aspect, assessments of ‘red team’ vulnerability.

“(2) Developing scenarios and measures of effectiveness to meet the operational challenges expected to be encountered in the early 21st century and assessing the effectiveness of current and new organizational structures, operational concepts, and technologies in addressing those challenges.

“(3) Integrating and testing in joint experimentation the systems and concepts that result from warfighting experimentation conducted by the Armed Forces and the Defense Agencies.

“(4) Coordinating with each of the Armed Forces and Defense Agencies regarding the development and acquisition of equipment (including surrogate or real technologies, platforms, and systems), supplies, and services necessary for joint experimentation.

“(5) Providing the Secretary of Defense and the Chairman of the Joint Chiefs of Staff with recommendations, based on the conduct of joint warfighting experimentation, for—

“(A) improving interoperability;

“(B) reducing unnecessary redundancy;

“(C) synchronizing technology fielding;

“(D) developing joint operational concepts;

“(E) prioritizing the most promising joint capabilities for future experimentation; and

“(F) prioritizing joint requirements and acquisition programs.

“(6) Making recommendations to the Chairman of the Joint Chiefs of Staff on mission needs statements and operational requirements documents.

“(c) CONGRESSIONAL REVIEW.—It is, further, the sense of Congress that Congress—

“(1) should review the adequacy of the process of transformation to meet future challenges to the national security; and

“(2) if progress is determined inadequate, should consider legislation to—

“(A) establish an appropriate organization to conduct the mission described in subsection (a); and

“(B) provide to the commander given the responsibility for that mission appropriate and sufficient resources for joint warfighting experimentation and

the appropriate authority to execute that commander's assigned responsibilities for that mission, including the authorities specified in subsection (b).

**“SEC. 923. REPORTS ON JOINT WARFIGHTING EXPERIMENTATION.**

“(a) INITIAL REPORT.—(1) The commander of the combatant command assigned by the Secretary of Defense to have the mission for joint warfighting experimentation shall submit to the Secretary an initial report on the implementation of joint experimentation. Not later than April 1, 1999, the Secretary shall submit that report, together with any comments that the Secretary considers appropriate and any comments that the Chairman of the Joint Chiefs of Staff considers appropriate, to the Committee on Armed Services of the Senate and the Committee on National Security of the House of Representatives [now Committee on Armed Services of the House of Representatives].

“(2) The report of the commander under paragraph (1) shall include the commander's assessment of the following:

“(A) The authority and responsibilities of the commander as described in section 922(b).

“(B) The organization of the commander's combatant command, and of its staff, for carrying out the joint warfighting experimentation mission.

“(C) The process established for tasking forces to participate in experimentation and the commander's specific authority over those forces, including forces designated as joint experimentation forces.

“(D) The resources provided for initial implementation of joint warfighting experimentation, the process for providing those resources to the commander, the categories of the funding, and the authority of the commander for budget execution.

“(E) The process established for the development and acquisition of the materiel, supplies, services, and equipment necessary for the conduct of joint warfighting experimentation.

“(F) The process established for designing, preparing, and conducting joint experiments.

“(G) The role assigned the commander for—

“(i) integrating and testing in joint warfighting experimentation the systems that emerge from warfighting experimentation by the Armed Forces or the Defense Agencies;

“(ii) assessing the effectiveness of organizational structures, operational concepts, and technologies; and

“(iii) assisting the Secretary of Defense and Chairman of the Joint Chiefs of Staff to prioritize requirements or acquisition programs.

“(b) ANNUAL REPORT.—(1) [Enacted this section.]

“(2) [Amended analysis of this chapter.]

“(c) FIRST ANNUAL REPORT.—The first report under section 485 of title 10, United States Code, as added by subsection (b), shall be made with respect to fiscal year 1999. In the case of the report under that section for fiscal year 1999, the reference in subsection (b)(1) of that section to the most recent report under that section shall be treated as referring to the report under subsection (a) of this section.”

**§ 486. Quadrennial report on emerging operational concepts**

(a) QUADRENNIAL REPORT REQUIRED.—Not later than March 1 of each year evenly divisible by four, the Secretary of Defense shall submit to the Committee on Armed Services of the Senate and the Committee on Armed Services of the House of Representatives a report on emerging operational concepts. Each such report shall be prepared by the Secretary in consultation with the Chairman of the Joint Chiefs of Staff.

(b) CONTENT OF REPORT RELATING TO DoD PROCESSES.—Each such report shall contain a

description, for the four years preceding the year in which the report is submitted, of the following:

(1) The process undertaken in the Department of Defense, and in each of the Army, Navy, Air Force, and Marine Corps, to define and develop doctrine, operational concepts, organizational concepts, and acquisition strategies to address—

(A) the potential of emerging technologies for significantly improving the operational effectiveness of the armed forces;

(B) changes in the international order that may necessitate changes in the operational capabilities of the armed forces;

(C) emerging capabilities of potential adversary states; and

(D) changes in defense budget projections.

(2) The manner in which the processes described in paragraph (1) are harmonized to ensure that there is a sufficient consideration of the development of joint doctrine, operational concepts, and acquisition strategies.

(3) The manner in which the processes described in paragraph (1) are coordinated through the Joint Requirements Oversight Council and reflected in the planning, programming, and budgeting process of the Department of Defense.

(c) CONTENT OF REPORT RELATING TO IDENTIFICATION OF TECHNOLOGICAL OBJECTIVES FOR RESEARCH AND DEVELOPMENT.—Each report under this section shall set forth the military capabilities that are necessary for meeting national security requirements over the next two to three decades, including—

(1) the most significant strategic and operational capabilities (including both armed force-specific and joint capabilities) that are necessary for the armed forces to prevail against the most dangerous threats, including asymmetrical threats, that could be posed to the national security interests of the United States by potential adversaries from 20 to 30 years in the future;

(2) the key characteristics and capabilities of future military systems (including both armed force-specific and joint systems) that will be needed to meet each such threat; and

(3) the most significant research and development challenges that must be met, and the technological breakthroughs that must be made, to develop and field such systems.

(Added Pub. L. 106-65, div. A, title II, §241(a)(1), Oct. 5, 1999, 113 Stat. 549.)

**§ 487. Unit operations tempo and personnel tempo: annual report**

(a) INCLUSION IN ANNUAL REPORT.—The Secretary of Defense shall include in the annual report required by section 113(c) of this title a description of the operations tempo and personnel tempo of the armed forces.

(b) SPECIFIC REQUIREMENTS.—(1) Until such time as the Secretary of Defense develops a common method to measure operations tempo and personnel tempo for the armed forces, the description required under subsection (a) shall include the methods by which each of the armed



forces measures operations tempo and personnel tempo.

(2) The description shall include the personnel tempo policies of each of the armed forces and any changes to these policies since the preceding report.

(3) The description shall include a table depicting the active duty end strength for each of the armed forces for each of the preceding five years and also depicting the number of members of each of the armed forces deployed over the same period, as determined by the Secretary concerned.

(4) The description shall identify the active and reserve component units of the armed forces participating at the battalion, squadron, or an equivalent level (or a higher level) in contingency operations, major training events, and other exercises and contingencies of such a scale that the exercises and contingencies receive an official designation, that were conducted during the period covered by the report and the duration of their participation.

(5) For each of the armed forces, the description shall indicate, for the period covered by the report—

(A) the number of members who received the high-deployment allowance under section 436 of title 37;

(B) the number of members who received each rate of allowance paid;

(C) the number of members who received the allowance for one month, for two months, for three months, for four months, for five months, for six months, and for more than six months; and

(D) the total amount spent on the allowance.

(6) For each of the armed forces, the description shall indicate the number of days that high demand, low density units (as defined by the Chairman of the Joint Chiefs of Staff) were deployed during the period covered by the report, and whether these units met the force goals for limiting deployments, as described in the personnel tempo policies applicable to that armed force.

(c) OPERATIONS TEMPO AND PERSONNEL TEMPO DEFINED.—Until such time as the Secretary of Defense establishes definitions of operations tempo and personnel tempo applicable to all of the armed forces, the following definitions shall apply for purposes of the preparation of the description required under subsection (a):

(1) The term “operations tempo” means the rate at which units of the armed forces are involved in all military activities, including contingency operations, exercises, and training deployments.

(2) The term “personnel tempo” means the amount of time members of the armed forces are engaged in their official duties, including official duties at a location or under circumstances that make it infeasible for a member to spend off-duty time in the housing in which the member resides when on garrison duty at the member’s permanent duty station.

(d) INAPPLICABILITY TO COAST GUARD.—In this section, the term “armed forces” does not include the Coast Guard when it is not operating as a service in the Department of the Navy.

(Added Pub. L. 106–65, div. A, title IX, § 923(b)(1), Oct. 5, 1999, 113 Stat. 724; amended Pub. L. 108–136, div. A, title V, § 541(c), Nov. 24, 2003, 117 Stat. 1477; Pub. L. 108–375, div. A, title X, § 1084(d)(4), Oct. 28, 2004, 118 Stat. 2061.)

#### AMENDMENTS

2004—Subsec. (d). Pub. L. 108–375 substituted “Inapplicability to Coast Guard” for “Other Definitions” in heading.

2003—Subsec. (b)(5). Pub. L. 108–136 amended par. (5) generally. Prior to amendment, par. (5) read as follows: “For each of the armed forces, the description shall indicate the average number of days a member of that armed force was deployed away from the member’s home station during the period covered by the report as compared to recent previous years for which such information is available.”

#### TRANSFER OF FUNCTIONS

For transfer of authorities, functions, personnel, and assets of the Coast Guard, including the authorities and functions of the Secretary of Transportation relating thereto, to the Department of Homeland Security, and for treatment of related references, see sections 468(b), 551(d), 552(d), and 557 of Title 6, Domestic Security, and the Department of Homeland Security Reorganization Plan of November 25, 2002, as modified, set out as a note under section 542 of Title 6.

### § 488. Management of electromagnetic spectrum: biennial strategic plan

(a) REQUIREMENT FOR STRATEGIC PLAN.—Every other year, and in time for submission to Congress under subsection (b), the Secretary of Defense shall prepare a strategic plan for the management of the electromagnetic spectrum to ensure the accessibility and efficient use of that spectrum needed to support the mission of the Department of Defense.

(b) SUBMISSION OF PLAN TO CONGRESS.—The Secretary of Defense shall submit to Congress the strategic plan most recently prepared under subsection (a) at the same time that the President submits to Congress the budget for an even-numbered fiscal year under section 1105(a) of title 31.

(Added Pub. L. 108–136, div. A, title X, § 1054(a), Nov. 24, 2003, 117 Stat. 1615.)

### § 489. Annual report on Department of Defense operation and financial support for military museums

(a) REPORT REQUIRED.—As part of the budget materials submitted to Congress in connection with the submission of the budget for a fiscal year pursuant to section 1105 of title 31, but in no case later than March 15 of each year, the Secretary of Defense shall submit a report identifying all military museums that, during the most recently completed fiscal year—

(1) were operated by the Secretary of Defense or the Secretary of a military department;

(2) were otherwise supported using funds appropriated to the Department of Defense; or

(3) were located on property under the jurisdiction of the Department of Defense, although neither operated by the Department of Defense nor supported using funds appropriated to the Department of Defense.

(b) INFORMATION ON INDIVIDUAL MUSEUMS.—For each museum identified in a report under this

section, the Secretary of Defense shall include in the report the following:

(1) The purpose and functions of the museum and the justification for the museum.

(2) A description of the facilities dedicated to the museum, including the location, size, and type of facilities and whether the facilities are included or eligible for inclusion on the National Register of Historic Places.

(3) An itemized listing of the funds appropriated to the Department of Defense that were obligated to support the museum during the fiscal year covered by the report and a description of the process used to determine the annual allocation of Department of Defense funds for the museum.

(4) An itemized listing of any other Federal funds, funds from a nonappropriated fund instrumentality account of the Department of Defense, and non-Federal funds obligated to support the museum.

(5) The management structure of the museum, including identification of the persons responsible for preparing the budget for the museum and for making acquisition and management decisions for the museum.

(6) The number of civilian employees of the Department of Defense and members of the armed forces who served full-time or part-time at the museum and their role in the management structure of the museum.

(c) **INFORMATION ON SUPPORT PRIORITIES.**—Each report under this section shall also include a separate description of the procedures used by the Secretary of Defense, in the case of museums identified in the report that are operated or supported by the Secretary of Defense, and the Secretary of a military department, in the case of museums identified in the report that are operated or supported by that Secretary, to prioritize funding and personnel support to the museums. The Secretary of Defense shall include a description of any such procedures applicable to the entire Department of Defense.

(Added Pub. L. 108-375, div. A, title X, § 1033(a), Oct. 28, 2004, 118 Stat. 2047.)

#### § 490. Space cadre management: biennial report

(a) **REQUIREMENT.**—The Secretary of Defense and each Secretary of a military department shall develop metrics and use these metrics to identify, track, and manage space cadre personnel within the Department of Defense to ensure the Department has sufficient numbers of personnel with the expertise, training, and experience to meet current and future national security space needs.

(b) **BIENNIAL REPORT REQUIRED.**—

(1) **IN GENERAL.**—Not later than July 28 of every even-numbered year, the Secretary of Defense shall submit to the congressional defense committees a report on the management of the space cadre.

(2) **MATTERS INCLUDED.**—The report required by paragraph (1) shall include—

(A) the number of active duty, reserve duty, and government civilian space-coded billets that—

(i) are authorized or permitted to be maintained for each military department and defense agency;

(ii) are needed or required for each military department and defense agency for the year in which the submission of the report is required; and

(iii) are needed or required for each military department and defense agency for each of the five years following the date of the submission of the report;

(B) the actual number of active duty, reserve duty, and government civilian personnel that are coded or classified as space cadre personnel within the Department of Defense, including the military departments and defense agencies;

(C) the number of personnel recruited or hired as accessions to serve in billets coded or classified as space cadre personnel for each military department and defense agency;

(D) the number of personnel serving in billets coded or classified as space cadre personnel that discontinued serving each military department and defense agency during the preceding calendar year;

(E) for each of the reporting requirements in subparagraphs (A) through (D), further classification of the number of personnel by—

(i) space operators, acquisition personnel, engineers, scientists, program managers, and other space-related areas identified by the Department;

(ii) expertise or technical specialization area—

(I) such as communications, missile warning, spacelift, and any other space-related specialties identified by the Department or classifications used by the Department; and

(II) consistent with section 1721 of this title for acquisition personnel;

(iii) rank for active duty and reserve duty personnel and grade for government civilian personnel;

(iv) qualification, expertise, or proficiency level consistent with service and agency-defined qualification, expertise, or proficiency levels; and

(v) any other such space-related classification categories used by the Department or military departments; and

(F) any other metrics identified by the Department to improve the identification, tracking, training, and management of space cadre personnel.

(3) **ASSESSMENTS.**—The report required by paragraph (1) shall also include the Secretary's assessment of the state of the Department's space cadre, the Secretary's assessment of the space cadres of the military departments, and a description of efforts to ensure the Department has a space cadre sufficient to meet current and future national security space needs.

(Added Pub. L. 110-181, div. A, title IX, § 912(a), Jan. 28, 2008, 122 Stat. 280; amended Pub. L. 111-84, div. A, title X, § 1073(a)(6), Oct. 28, 2009, 123 Stat. 2472.)

## AMENDMENTS

2009—Subsec. (b)(1). Pub. L. 111-84, which directed substitution of “July 28 of every even-numbered year” for “180 days after date of the enactment of this section, and every even-numbered year thereafter”, was executed by making the substitution for “180 days after the date of the enactment of this section, and every even-numbered year thereafter” to reflect the probable intent of Congress.

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## AMENDMENTS

2011—Pub. L. 111-383, div. A, title X, §1075(b)(1), Jan. 7, 2011, 124 Stat. 4368, substituted “1030” for “1031” in item for chapter 53.

2009—Pub. L. 111-84, div. A, title X, §1073(a)(7), Oct. 28, 2009, 123 Stat. 2472, substituted “1580” for “1581” in item for chapter 81.

2006—Pub. L. 109-366, §3(a)(2), Oct. 17, 2006, 120 Stat. 2630, added item for chapter 47A.

2001—Pub. L. 107-107, div. A, title X, §1048(a)(1), Dec. 28, 2001, 115 Stat. 1222, struck out period after “1111” in item for chapter 56.

2000—Pub. L. 106-398, §1 [[div. A], title VII, §713(a)(2)], Oct. 30, 2000, 114 Stat. 1654, 1654A-184, added item for chapter 56.

1999—Pub. L. 106-65, div. A, title V, §586(c)(1), title VII, §721(c)(2), Oct. 5, 1999, 113 Stat. 638, 694, added item for chapter 50 and substituted “Deceased Personnel” for “Death Benefits” and “1471” for “1475” in item for chapter 75.

1997—Pub. L. 105-85, div. A, title V, §591(a)(2), Nov. 18, 1997, 111 Stat. 1762, added item for chapter 80.

1996—Pub. L. 104-201, div. A, title XVI, §1633(c)(3), Sept. 23, 1996, 110 Stat. 2751, substituted “Civilian Defense Intelligence Employees” for “Defense Intelligence Agency and Central Imagery Office Civilian Personnel” in item for chapter 83.

Pub. L. 104-106, div. A, title V, §568(a)(2), 569(b)(2), title X, §1061(a)(2), Feb. 10, 1996, 110 Stat. 335, 351, 442, added items for chapters 76 and 88 and struck out item for chapter 89 “Volunteers Investing in Peace and Security”.

1994—Pub. L. 103-359, title V, §501(b)(2), Oct. 14, 1994, 108 Stat. 3429, substituted “Defense Intelligence Agency and Central Imagery Office Civilian Personnel” for “Defense Intelligence Agency Civilian Personnel” in item for chapter 83.

1992—Pub. L. 102-484, div. A, title XIII, §1322(a)(2), Oct. 23, 1992, 106 Stat. 2553, added item for chapter 89.

1991—Pub. L. 102-190, div. A, title X, §1061(a)(26)(C)(ii), Dec. 5, 1991, 105 Stat. 1474, effective Oct. 1, 1993, struck out item for chapter 85 “Procurement Management Personnel”.

Pub. L. 102-190, div. A, title XI, §1112(b)(2), Dec. 5, 1991, 105 Stat. 1501, substituted “Original Appointments of Regular Officers in Grades Above Warrant Officer Grades” for “Appointments in Regular Components” in item for chapter 33 and added item for chapter 33A.

Pub. L. 102-25, title VII, §701(e)(1), Apr. 6, 1991, 105 Stat. 114, added item for chapter 85.

1990—Pub. L. 101-510, div. A, title V, §502(a)(2), title XII, §1202(b), Nov. 5, 1990, 104 Stat. 1557, 1656, added items for chapters 58 and 87 and struck out item for chapter 85 “Procurement Management Personnel”.

1988—Pub. L. 100-370, §1(c)(3), July 19, 1988, 102 Stat. 841, added item for chapter 54.

1986—Pub. L. 99-433, title IV, §401(b), Oct. 1, 1986, 100 Stat. 1030, added item for chapter 38.

1985—Pub. L. 99-145, title IX, §924(a)(2), Nov. 8, 1985, 99 Stat. 698, added item for chapter 85.

1983—Pub. L. 98-94, title IX, §925(a)(2), title XII, §1268(15), Sept. 24, 1983, 97 Stat. 648, 707, added item for chapter 74, and substituted “or” for “and” in item for chapter 60.

1981—Pub. L. 97-89, title VII, §701(a)(2), Dec. 4, 1981, 95 Stat. 1160, added item for chapter 83.

1980—Pub. L. 96-513, title V, §§501(1), 511(29), (54)(B), Dec. 12, 1980, 94 Stat. 2907, 2922, 2925, added item for chapter 32, substituted “531” for “541” as section number in item for chapter 33, substituted “34” for “35” as chapter number of chapter relating to appointments as